

GRADFLEX Publications and Presentations

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- “Shadowgraph,” D. S. Cannell, in *McGraw Hill Encyclopedia of Science and Technology*, 9th Edition, McGraw Hill Companies, Inc., New York, NY (2002).
- “GRADFLEX, Fluctuations in Microgravity,” A. Vailati, R. Cerbino, S. Mazzoni, M. Giglio, G. Nikolaenko, D. S. Cannell, W. V. Meyer, and A. E. Smart, *Proceedings 2004 Photon Correlation and Scattering Conference*, CP-2004-213207, pp. 50-51 (August 2004).
- “Dynamics of Gradient Driven Fluctuations in a Free Diffusion Process,” F. Croccolo, D. Brogioli, A. Vailati, D. S. Cannell, and M. Giglio, *Proceedings 2004 Photon Correlation and Scattering Conference*, CP-2004-213207, pp. 52-53 (August 2004).
- “Effect of Gravity on the Dynamics of Non-Equilibrium Fluctuations in a Free Diffusion Experiment,” F. Croccolo, D. Brogioli, A. Vailati, M. Giglio, and D. S. Cannell, *Annals of the New York Academy of Science* 1077, 365 (2006).
- “Use of Dynamic Schlieren to Study Fluctuations During Free Diffusion,” F. Croccolo, D. Brogioli, A. Vailati, M. Giglio, and D. S. Cannell, *Applied Optics* 45, 2166 (2006).
- “Gradient-driven Fluctuations Experiment: Fluid Fluctuations in Microgravity,” A. Vailati, R. Cerbino, S. Mazoni, M. Giglio, G. Nikolaenko, C. J. Takacs, D. S. Cannell, M. V. Meyer, and A. E. Smart, *Applied Optics* 45, 2155 (Cover Article) (2006).
- “Non-diffusive decay of gradient-driven fluctuations in a free-diffusion process,” F. Croccolo, D. Brogioli, A. Vailati, M. Giglio, and D. S. Cannell, *Phys. Rev. E* 76, 041112 (2007).